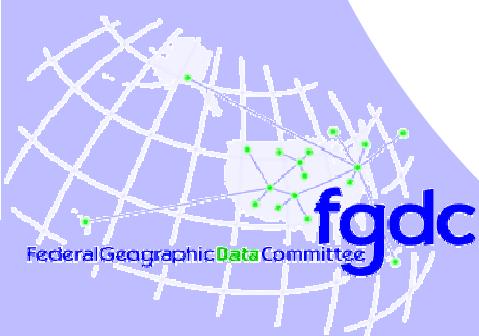


national spatial data infrastructure training program

Geospatial One-Stop ***Publishing Metadata to geodata.gov***

A step-by-step guide to publishing geospatial metadata to the Geospatial One-Stop (GOS) portal at geodata.gov



vers. <20090826>



After completing this lesson the student can:

- ▶ Publish metadata to the geodata.gov portal
- ▶ Select an effective geodata.gov publication method
- ▶ Add a metadata record to the geodata.gov Marketplace
- ▶ Access and utilize metadata ‘Harvest Reports’
- ▶ Edit, update, delete and download existing metadata records
- ▶ Access resources and individuals to assist with geodata.gov publication efforts



Using This Lesson

To maximize the readability of the screen captures, additional content for this lesson is provided in the **Notes** field for each slide

To view the notes, either:

- ▶ download the PPT formatted lesson and view offline in ‘normal’ mode
- ▶ view the PDF version of the lesson online



Publishing Metadata to geodata.gov

Log in to geodata.gov

You must log in to geodata.gov to publish data

- Select 'Sign up' to create a user account
- Select 'Log in' to log in once you have created a user account

The screenshot shows the geodata.gov homepage. At the top, there's a banner with the text "Your One Stop for Federal, State & Local Geographic Data". Below the banner, the main navigation menu includes Home, Search, Maps, Marketplace, Communities, Statistics, and Help Center. On the left, there's a sidebar with links for "Communities" (Hurricanes, Special Interest, Data Categories, Geography) and "Help". The main content area features a search bar with fields for "What:" and "Where:", a "Search" button, and a "Show Advanced Search Options" link. Below the search bar, there's a section titled "GIS for the Gulf" with a note about Hurricane response and links for "Check My Home" (Interactive Map) and "New USGS Topo Maps". There's also a "First Responders" section with "Login here" and "Sign Up" links. A note at the bottom of this section says: "Note: To use these applications, make sure you enable popups for the *.geodata.gov site". Further down, there's a "Featured Map" section for the "USGS Atlas of Federal Lands" with a map of the Great Lakes region. To the right of the map, there's a "Other Cool Maps" section with several small thumbnail maps. The top right corner of the page has "Log In" and "Sign up" links, which are circled in red. The bottom right corner has an "Internet" link.



Publishing Metadata to geodata.gov

Sign Up for A geodata.gov User Account

The sign up page for a geodata.gov user account requires a minimal amount of information:

- User ID
- password
- first and last name
- e-mail address

• Select 'Continue'

• Check your information

• Select 'Continue'

GOS - Geospatial One Stop - Windows Internet Explorer

Sign up to create a new account
(Visit the [Create New Account Help Section](#) for further assistance)

This information helps to personalize the content that you see. If you have any concerns, read our [Privacy Policy](#).

* User ID:
new_user

* Password: (5 characters minimum)

* Confirm Password:

* First Name:
New

* Last Name:
User

* Email:
newuser@domain.net

*Required Field

Continue **Cancel**

USA.gov [Privacy](#) | [Policy](#)

GOS - Geospatial One Stop - Windows Internet Explorer

Please review your personal information. If you find any errors click on Cancel to make changes.

User ID: new_user
Password: *****
First Name: New
Last Name: User
Email: newuser@domain.net

By clicking on Continue, you are agreeing with the terms of our [License Agreement](#).

Continue **Cancel**

USA.gov [Privacy](#) | [Policies](#) | [FOIA](#) | [DOI](#) | [USGS](#) | [Accessibility](#) | [Contact Us](#) | [FAQ](#) E-GOV



Publishing Metadata to geodata.gov

Log In - Enter User ID and Password

The geodata.gov login page asks the user to provide their User ID and password

GOS - Geospatial One Stop - Windows Internet Explorer
https://gos2.geodata.gov/wps/portal/gos/kcxml/04_5j9SPykssy0xPLMnMz0vM0Y_QjzKL9443cnIFSYGfpb6

Welcome, please enter your information.
(Visit the [Login Help Section](#) for further assistance)

* User ID:

* Password:

Log in **Cancel**

*Required Field

Please note: After some time of inactivity, the system will log you out automatically and ask you to log in again.

USA.gov [Privacy](#) | [Policies](#) | [FOIA](#) | [DOI](#) | [USGS](#) | [Accessibility](#) | [Contact Us](#) | [FAQ](#) E-GOV

Done Trusted sites 100%



Publishing Metadata to geodata.gov

Publishing Tools Menu

The Publishing Tools menu is located under the "My Tools" tab

GOS - Geospatial One Stop - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Favorites Go Links

Address http://redlandsgeos2.geodata.gov/wps/myportal/gos/kxml/04_5j95Pykssy0xPLMnMz0vM0Y_QjzKL9443cnJFSYGYfpb6kehCFgghb31fj_zcVP0A_yLc0IhyR0VFABDAZM01/delta Go Links

geodata.gov U.S. MAPS & DATA Your One Stop for Federal, State & Local Geographic Data My Portal Edit my profile Log out

Home Search Maps Marketplace Communities My Tools Statistics Help Center Utilities

Site News

Publish Metadata

- Become a Publisher
- How to Publish
- Create Metadata
- Upload Metadata
- Configure Harvesting
- Manage My Metadata

Community Tools

- Download Tool

My Tools

Site News

GOS2 News

News Calendar Email News

next | last

News

Title

Channel Steward Handbook

The Channel Editor is a desktop application that allows you to manage the content of community channels that are part of the Geospatial One-Stop portal. The Channel Steward Handbook is intended for channel stewards of the Geospatial One-Stop Portal and for the portal administrator.

Created On 01/23/2007

GOS Metadata Validation Rules

GOS supports metadata that is structured according to the FGDC Content for Digital Geospatial Metadata, and the ISO 19115 metadata specifications. Both metadata specifications provide information on the types of information and the structuring of that information for metadata.

10/15/2006

New Version of the Channel Editor Tool

We have a new version of the Channel Editor tool that allows larger xml files to be created for the communities. Please uninstall your old version and download the new version of the Channel Editor Tool for maintaining your community content.

03/03/2006

Metadata Harvesting

Please check "Configure Harvesting" periodically for information and reports on the harvesting of your metadata repository. You will not be notified when harvesting has occurred.

11/02/2005

Published Metadata Records with Disapproved Status

Published metadata records with a Status = Disapproved have a xml that is not valid. Publishers will need to update their metadata record in their repository and next time they are harvested the updated metadata will be published. The metadata xml may be invalid for...

11/02/2005

Items 1 - 5 out of 5 (including hidden items)

next | last

Send comments and suggestions to the [community steward](#)

Start C:\Dans\GOS\Tr... Sandhaus's Add... Presentation1 ChannelEditorTr... URISA GOS V2 P... GOS - Geospatial One Stop 3:25 PM



Publishing Metadata to geodata.gov

Become a Publisher

The screenshot shows the 'Become a Publisher' page on the geodata.gov website. On the left, there's a sidebar with links like 'Site News', 'Publish Metadata' (which has a red circle around it), 'How to Publish', 'Create Metadata', 'Upload Metadata', 'Configure Harvesting', 'Manage My Metadata', 'Community Tools', 'Administration', and 'Reports and Statistics'. The main content area has a 'User Profile' form with fields for Title (Mr.), First Name (*Dan*), Middle Initial (*), Last Name (*Sandhaus*), Publisher's Phone (*703-648-5709*), and Publisher's E-Mail (*dsandhaus@usgs.gov*). Below that is an 'Organization Information' section with fields for Publisher Affiliation (*Federal Government*), Organization Group (*Department of the Interior*), and Full Organization Name (*United States Geological Survey*). A note below says 'Organization Abbreviation: (*) USGS (Also used as folder name when publishing.)' and 'Organization Profile: (*) (brief description of organization; up to 50 words)' with 'US Geological Survey' typed in.

- Select 'Become a Publisher'
- Enter the information indicated in the 'User Profile' form
- Federal Agencies must select both:
 - Organization Group (Department)
 - &
 - Organization Name (Bureau)

***** IMPORTANT NOTE:** When you first sign up on geodata.gov, you cannot immediately go to "Become a Publisher" and sign up as a publisher. If you do, you will get an error saying you do not have permission. You must first log out of geodata.gov and then log back in before you can register as a publisher.



Publishing Metadata to geodata.gov

Guides on How To Publish to geodata.gov

The screenshot shows a Microsoft Internet Explorer window displaying the geodata.gov website. The address bar shows the URL: http://redlandsgos2.geodata.gov/wps/myportal/gos/kcxml/04_5j9SPykssy0xPLMnMz0vM0Y_QjzKL94sPtgDJmMV7x_t26keiiVigivjF-5rCRXw98nNT9b31A_QLckNDI8odFQGKyD.

The page title is "GOS - Geospatial One Stop - Microsoft Internet Explorer". The main content area is titled "Creating and Publishing Metadata" and contains the heading "Create and Publish Metadata". It includes a note about the "Creating_and_Publishing_Metadata" PDF document and a link to download it.

A sidebar on the left lists "Publish Metadata" options: "Become a Publisher", "How to Publish", "Create Metadata", "Upload Metadata", "Configure Harvesting", and "Manage My Metadata". The "How to Publish" link is highlighted with a red arrow pointing to a callout box containing the following text:

- Select 'How to Publish' for more information
- Select either document to directly access from this slide

Two red arrows point from the "How to Publish" link to two overlapping PDF documents. The top PDF is titled "Creating and Publishing Metadata in Support of Geospatial One-Stop and the NSDI" and the bottom one is titled "Publishing Metadata to the Geospatial One-Stop Operational Portal - Final". Both PDFs are dated August 31, 2005.



Publishing Metadata to geodata.gov

3 Ways to Publish Metadata

- ▶ Create Metadata – Create a single metadata record using the geodata.gov online metadata creation form
- ▶ Upload Metadata – Upload metadata xml files (** one at a time)
- ▶ Harvest Metadata - Have geodata.gov automatically ‘harvest’ metadata from an existing metadata catalog that uses one of the following protocols:
 - ▶ Z39.50
 - ▶ ArcIMS
 - ▶ Open Archive Initiative – Protocol for Metadata Harvest [OAI-PMH]
 - ▶ Web Accessible Folder [WAF]
 - ▶ Catalog Service-Web [CS-W]

The screenshot shows a Windows Internet Explorer window displaying the geodata.gov website. The URL in the address bar is http://gos2.geodata.gov/wps/mportal/gos/kxml/04_5jSPyKssy0xPLMnMz0vMDY_QjzkL94v3NQ3mM7x_t26keilfjgjBZhARY7IKVYnr0d-bqq-t36A. The page title is "GOS - Geospatial One Stop". The main content area displays news items under "Site News" and "GOS2 News". On the left, a sidebar menu lists various tools and management options. The "Create Metadata" link is highlighted with a red arrow. Below the sidebar, a section titled "Community Tools" lists "Create Community", "My Communities", "Manage Stewards", and "Download Tool". Under "Administration", it lists "Manage Metadata", "Manage Publishers", "Reports and Statistics", "Marketplace Notifications", "Manage Users", and "Manage Portlets". Under "TNM Management", it lists "List Map Services" and "Manage Publishers". At the bottom of the sidebar, there is a note about harvesting metadata from external sources. The footer contains links to USA.gov, Privacy, Policies, FOIA, DOI, USGS, Accessibility, Contact Us, and FAQ, along with an E-GOV logo.



Publishing Metadata to geodata.gov

Create Metadata Using the geodata.gov Form-1

The screenshot shows a Windows Internet Explorer window displaying the geodata.gov website. The URL is http://gos2.geodata.gov/wps/myportal/gos/kcxml/04_Sj9SPyksy0xPLMnMz0vM0Y_QjzKL94v3NQD3mMV7x_tZ6keiVigjgBZhAR27IKVTET. The page title is "GOS - Geospatial One Stop - Windows Internet Explorer". The main content area is titled "Create Metadata". It contains a dropdown menu for "Type of Content" with "Live Data and Maps - Web Map Service" selected. Below the dropdown, there is descriptive text about what a Web Map Service is. At the bottom of the form, there is a "Proceed" button. The left sidebar has a "Publish Metadata" section with a "Create Metadata" link, which is highlighted with a red arrow. The right side of the page contains additional descriptive text and links.

Easy to use tool to
create FGDC
Minimum Content
Metadata

1. Select 'Create Metadata'
2. Select 'Type of Content'
3. Click 'Proceed'



Publishing Metadata to geodata.gov

Create Metadata Using the geodata.gov Form-2

GOS - Geospatial One Stop - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://redlandsgos2.geodata.gov/wps/myportal/gos/kcxml/04_5j9SPykssy0xPLMnMz0vMOY_QjzKL94v3tQTJmMV7x_sBWWgiFqgiQJYpxMTXiz83F5geaR7vE-_rrB-iH-mi760fo Go Links >

home search maps Marketplace communities MY TOOLS statistics help center guides

Create Metadata

Please enter the requested information below for the content that you would like to publish to geodata.gov. The required fields are noted with a red asterisk. For more information on these elements, please refer to the [Metadata Help File](#). Please provide as much information as you can for your content.

Metadata Contact:

Organization *: Bureau of Land Management

Contact Person *: John Reitsma

Address Type *: Mailing and Physical

Address *: 40 Denver Federal Center

City *: Denver

State *: CO

Postal Code *: 80225

Country: USA

Phone Number *: 303-236-1984

Fax Number: 303-236-6691

E-Mail*: jreitsma@blm.gov

Citation:

Title *:

Provide 'Contact Information'

FIRSTGOV.gov Privacy Policies FOIA DOI USGS Accessibility Contact Us FAQ E-GOV

Done Internet



Create Metadata Using the geodata.gov Form-3

Create Metadata

Citation:

Title *:

Edition:

Presentation Form:

Originator *:

Publisher *:

Publication Place:

Publication Date (YYYYMMDD/YYYYMM/YYYY) *:

Online Linkage (URL):

GetCapabilities URL *:

e.g.
`http://my.host.com/cgi-bin/wms?request=getcapabilities&service=WMS&version=1.1.1`
`http://my.host.com/servlet/com.esri.wms.ESRI?request=getcapabilities&service=WMS&version=1.1.1`

Access constraint:

- Provide 'Citation Information'
- Test the 'GetCapabilities URL'

- Select any blue field name for an explanation of what must be provided
- Fields with red asterisk (*) must be provided

Test it



Publishing Metadata to geodata.gov

Create Metadata Using the geodata.gov Form-4

http://gos2.geodata.gov - geodata.gov - Show Capabilities - Microsoft Internet Explorer

Service Capabilities

```
<?xml version="1.0" encoding="UTF-8"?><!DOCTYPE WMT_MS_Capabilities SYSTEM "http://schemas.opengis.net/wms/1.1.1/WMS_MS_Capabilities.dtd"><WMT_MS_Capabilities version="1.1.1"><Service><Name>OGC:WMS</Name><Title>USGS EROS Web Map Service USGS_EDC_Ortho_DOQQ</Title><Abstract>ArcIMS 9.1.0 USGS_EDC_Ortho_DOQQ Web Map Service maintained by USGS EROS</Abstract><KeywordList><Keyword>ArcIMS</Keyword></KeywordList><OnlineResource xmlns:xlink="http://www.w3.org/1999/xlink" xlink:href="http://igskmncngs028.cr.usgs.gov:80/wmsconnector/com.esri.wms.Esrimap/USGS_EDC_Ortho_DOQQ?" xlink:type="simple"/><ContactInformation><ContactPersonPrimary><ContactPerson>Customer Services Representative</ContactPerson><ContactOrganization>National Center for Earth Resources Observation and Science (EROS)</ContactOrganization></ContactPersonPrimary><ContactPosition/><ContactAddress><AddressType>postal</AddressType><Address>47914 252nd Street</Address><City>Sioux Falls</City><StateOrProvince>SD</StateOrProvince><PostCode>57198</PostCode><Country>USA</Country></ContactAddress><ContactVoiceTelephone>(605) 594-6151</ContactVoiceTelephone><ContactFacsimileTelephone>(605) 594-6589</ContactFacsimileTelephone><ContactElectronicEmailAddress>webmapping@usgs.gov</ContactElectronicEmailAddress></ContactInformation><Fees>none</Fees><AccessConstraints>none</AccessConstraints></Service><Capability><Request><GetCapabilities><Format>application/vnd.ogc.wms_xml</Format><DCPType>HTTP</DCPType><Get><OnlineResource xmlns:xlink="http://www.w3.org/1999/xlink" xlink:href="http://igskmncngs028.cr.usgs.gov:80/wmsconnector/com.esri.wms.Esrimap/USGS_EDC_Ortho_DOQQ?"></Get></GetCapabilities></Request></Capability></Service>
```

[Close Window](#)

Done Internet

Successful GetCapabilities test response:
XML page is displayed



Publishing Metadata to geodata.gov

Create Metadata Using the geodata.gov Form-5

Create Metadata

Description:

Abstract *:

established product with NDOP and the USGS, of which it is one orthoimagery layer of The National Map. The DOQQ's are being incorporated as a seamless product using the most recent imagery. The resolution is 1 meter and is either black and white or color infrared. The goal is to have complete coverage of the United States as a seamless product. Data will be complete.

Purpose *:

for soils surveys, conservation practice erosion assessments, impact assessment, and other resources

Supplemental Information

Time Period of Content:

Beginning Date (YYYYMMDD/YYYYMM/YYYY): 2005

Ending Date (YYYYMMDD/YYYYMM/YYYY): 2005

Currentness Reference: ground condition

Status:

Progress: Complete

Maintenance and Update Frequency: irregular

Spatial Domain:

West Bounding Coordinate (DDD.XXX) *: -170

East Bounding Coordinate (DDD.XXX) *: -66 You can enter draw a spatial

North Bounding Coordinate (DD.XXX) *: 89.77156

South Bounding Coordinate (DD.XXX) *: 12.487156

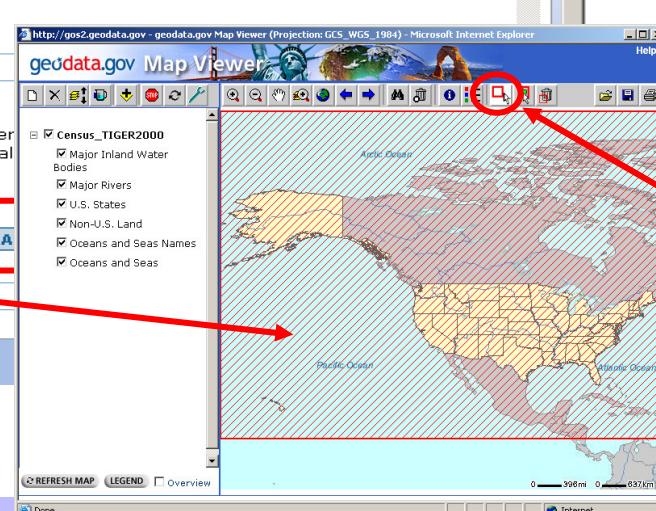
USE MAP VIEWER TO DRAW EXTENT **GET EXTENT ALREADY DRAWN**

Data Theme:

Primary Theme *: Select a Primary Theme

Describe your data:

- Complete the ‘Description’ section of the metadata record
- Complete the ‘Time Period’, ‘Status’, and ‘Spatial Domain’ sections
- Use the ‘Map Viewer’ to define the spatial extent



‘Draw Extent’ tool



Publishing Metadata to geodata.gov

Create Metadata Using the geodata.gov Form-6

Create Metadata

Data Theme:
Primary Theme *: Imagery and Basemaps

Keywords:
Theme Keywords: Imagery Basemaps Earthcover
Reference:
Place Keywords:
Reference:

Spatial Data Information:
Data Type: Raster
Data Format(s): GeoTIFF
Data Projection(s): geographic coordinates
Data Scale Denominator: 1:
Data Resolution: (Required for raster data.) X & Y Axis Units
Constraints:
Access:

Primary Themes

A red arrow points from the 'Primary Theme' dropdown in the 'Data Theme' section to a red oval highlighting the 'Primary Themes' dropdown menu. The 'Primary Themes' dropdown contains a list of categories, with 'Imagery and Basemaps' selected.

- : Select a Primary Theme
- Selected Primary Theme
- Agriculture and Farming
- Biology and Ecology
- Administrative and Political Boundaries
- Atmosphere and Climate
- Business and Economic
- Elevation and Derived Products
- Environment and Conservation
- Geological and Geo Physical
- Human Health and Disease
- Imagery and Basemaps

Describe your data:

- Complete the 'Data Theme', 'Keywords', and 'Spatial Data Information' sections of the metadata record
- Complete the 'Constraints', 'Browse Graphic', and 'Distribution Information' sections

Create Metadata

Constraints:
Access:
Use:

Browse Graphic:
Browse Graphic URL:
Browse Graphic Caption:
Browse Graphic File Type:

Distribution Information:

Organization *: US Geological Survey
Contact Person *: Dan Sandhaus
Address Type: Mailing and Physical
Address: US Geological Survey 12201 Sunri
City: 500 National Ctr Rm 2A223A
State: VA
Postal Code: 20192
Country: USA

Optimize search results by providing detailed titles and a robust set of keywords



Create Metadata Using the geodata.gov Form-7

Create Metadata

Distribution Information:

Organization *:	US Geological Survey
Contact Person *:	Dan Sandhaus
Address Type:	Mailing and Physical
Address:	US Geological Survey 12201 Sunri
City:	500 National Ctr Rm 2A223A
State:	VA
Postal Code:	20192
Country:	USA
Phone Number *:	703-648-5709
Fax Number :	
E-Mail *:	dsandhaus@usgs.gov
Dataset name known to distributor:	
Liability held by distributor:	
<u>Content Price:</u>	

Submit Metadata Registration **Reset Input Form** **Cancel**

Complete and submit the information:

- Click on the ‘Submit Metadata Registration’ button to complete the entry
- If you do NOT want to submit the information, select ‘Reset Input Form’ to start over or ‘Cancel’ to end the operation

Note that It may take a couple of days for the record to be approved and made available for data search.....



Publishing Metadata to geodata.gov

Metadata Records Approval

The screenshot shows the 'Manage Metadata' interface on the geodata.gov website. The left sidebar contains navigation links for Site News, Publish Metadata, Community Tools, Administration, and TNM Management. The main content area shows a table of metadata records with columns for Action, DOCUUID, Dataset Name, Owner, and Etc. Two records are listed:

Action	DOCUUUID	Dataset Name	Owner	Etc
Del View	{3A07F575-E3A9-D652-B9A3-E94B29B0B341}	DJS Delaware Land Use Land Cover 1984 WMS Service	dan_admin	U
Del View	{8D6AE5A8-E9F6-C040-82C7-A130F68B6E93}	NDOP 1-meter B&W Digital Orthophoto Quadrangles - Dummy	dsandhaus	

- The GOS Administrator reviews and approves all new metadata records before publication
- After the search engine re-indexes the database, the new metadata records will be searchable within one hour to one day.

Data Stewards should notify their GOS Coordinator when new records are added



Publishing Metadata to geodata.gov

Create a Metadata Record: Downloadable Data

The screenshot shows the 'Create Metadata' page on the geodata.gov website. The URL in the address bar is http://gos2.geodata.gov/wps/myportal/gos/kcxml/04_5j9SPyksy0xPLMnMz0vMDY_QjzKL94v3NQDjmMW7x_tZ6keiiVigBZhIARZ7iIKVTEX.

1. My Portal, Administration, Edit my profile, Log out, Assign Permissions

2. Create Metadata

3. Step 3: To publish a new record, first select the type of content that you wish to publish from the drop-down menu. This form is displayed for you to complete for the content type that you selected. If you are not certain about how to classify your content, please refer to the content descriptions presented below.

4. Step 4: Type of Content: Live Data and Maps - Web Map Service, Proceed, Downloadable Data (highlighted with a red oval), Offline Data, Map File, Static Map Image, Other Document, Application, Geographic Service, Clearinghouse or Catalog Service, Geographic Activity - Planned Data Acquisition, Geographic Activity - Data Request, Geographic Activity - Other, Static Map Images: A static map image is a finished map that is presented in any graphics format (e.g., GIF, JPEG, or PNG format). It is digital data that is intended for use with geographic information systems. It can be presented in vector format or raster format. It can be downloaded to your computer but can be ordered on or offline. It may be displayed using GIS software. These maps may reference geographic data downloaded with the map file or, more likely, reference map services published from live mapping systems. The publisher determines what data to include in the map and how the map is presented.

USA.gov Privacy | Policies | FOIA | DOI | USGS | Accessibility | Contact Us | FAQ E-GOV



Create a Metadata Record: Downloadable Data

5. Create metadata

Citation:

Title *: Seismic Reflection Trackline data for USGS cruise OOSCC04
Edition: 1.0
Presentation Form: vector digital data
Originator *: Center for Coastal and Watershed Studies
Publisher *: U.S. Geological Survey, Coastal and Watershed Studies, St. Petersburg, FL
Publication Date (YYYYMMDD/YYYYMM/YYYY) *: 2003
Online Linkage (URL): pubs.usgs.gov/of/2003/of03-402/software/arc/arc.zip

Description:

Abstract *:
Marine seismic reflection data are used to image and map sedimentary and structural features of the seafloor and subsurface. These data are useful in mapping stratigraphy and in assessing other submarine geologic characteristics and features. The data presented here are useful in mapping sand deposits that may be used in Louisiana beach nourishment projects. These data were collected as part of a Louisiana Sand Resources Study done in cooperation

Purpose *:

Most of the metadata sections are the same as before, except the citation section contains a link to a downloadable file

'Downloadable Data' types include: .zip, .gz, .tgz, .dbf, .tar, .E00, .shp, .rar, .xls, .txt, .dwg, .dxf, and .dgn files



Publishing Metadata to geodata.gov

Create a Metadata Record: Geographic Activities

The screenshot shows a Microsoft Internet Explorer window displaying the geodata.gov website. The address bar shows the URL: http://gos2.geodata.gov/wps/myportal/gos/kcxml/04_5j95Pykssy0xPLMnMz0vM0Y_QjzKL944P8AwASYGyfpb6kehCFmhCfvG-pgghX4_83FR9b_0A. The page title is "GOS - Geospatial One Stop - Microsoft Internet Explorer". The main content area is titled "Create Metadata". It includes a sub-instruction: "To publish a new record, first select the type of content that you wish to publish from the list below. The form is displayed for you to complete for the content type that you have selected." Below this is a "Type of Content:" dropdown menu. The menu has several options: Downloadable Data, Offline Data, Map File, Static Map Image, Other Document, Application, Geographic Service, and Clearinghouse. The option "Geographic Activity - Planned Data Acquisition" is highlighted with a red oval. To the right of the dropdown, there is a "Proceed" button. The left sidebar contains links for Site News, Public Data, Be a Publisher, Home, Create Metadata, Upload Metadata, Configure Harvesting, Manage My Metadata, and Community Tools. The "Create Metadata" link is underlined and highlighted with a blue box. The bottom of the page shows the Windows taskbar with icons for Start, Search Results, Fw: ArcGIS Server 9.2 ..., GOS - Geospatial One ..., Publishing.ppt, and Internet.

Geographic Activities include:

- Planned data acquisitions
- Requests for data
- Other activities such as thematic meetings and events

'Geographic Activities' are:

- discoverable using the geodata.gov Search interface
- featured in the geodata.gov 'Marketplace'



Publishing Metadata to geodata.gov

Create a Metadata Record: Geographic Activities

A screenshot of a Windows Internet Explorer browser window showing the geodata.gov Marketplace search results. The URL in the address bar is http://gos2.geodata.gov/wps/myportal/gos/kcxml/04_5j93Pykssy0xPLMnMz0vM0Y_QjzKL94v3dQbJmMV7x_t2ekelWigob2pIAR57IIyNr0d-bqq-t36. The browser title is "GOS - Geospatial One Stop - Windows Internet Explorer".

The geodata.gov header includes the tagline "Your One Stop for Federal, State & Local Geographic Data". The top menu bar has links for File, Edit, View, Favorites, Tools, Help, My Portal, Administration, Log out, and Assign Permissions. The main navigation menu includes Home, Search, Maps, Marketplace (which is highlighted with a red arrow), Communities, My Tools, Statistics, Help Center, admin, and Utilities.

The search results page shows a "Search Marketplace" section with a search bar and dropdown filters for Content Type (New Data, New Data Request, New Planned Acquisition), Publisher, and Sort By. A map of North America is displayed with a red box highlighting the United States. The search results list items such as "UNESCO World Heritage Base Imagery" and "North American Bird Conservation Initiative".

Geographic Activities can also be submitted via the geodata.gov 'Marketplace' without registering as a publisher



- **Live Data and Maps**

Dynamic data or maps that are published over the Internet such as:

- OGC Web Map Service (WMS)
- ArcIMS Image Service
- ArcIMS Feature Service
- ▶ Should have an online link to a GetCapabilities URL such as:
[http://ims.cr.usgs.gov/servlet/com.esri.wms.Esrimap/USGS_EDC_Ortho_DOQQ
?request=getcapabilities&service=WMS&version=1.1.1](http://ims.cr.usgs.gov/servlet/com.esri.wms.Esrimap/USGS_EDC_Ortho_DOQQ?request=getcapabilities&service=WMS&version=1.1.1)

- **Static Map Images**

Static, non-interactive, maps that do not change with user requests

- ▶ geodata.gov recognizes the following static map images file types:
.gif, .jpg, .jpeg, .bmp, .pdf, .pmf, .tif, .tiff, .cal, .pct, .pict, .eps, .mxd, .av, .mpg,
.mpeg, .wmv, .img, and .rm



- **Downloadable Data**

Digital data available for download and use in a geographic information system (GIS) or other geospatial application.

- ▶ Should have an online link to either
 - an actual data file or
 - a web-based data download site



Publishing Metadata to geodata.gov

Upload Metadata

The screenshot shows the 'Upload Metadata' page on the geodata.gov website. The URL in the address bar is http://gos2.geodata.gov/wps/myportal/gos/kcxml/04_Sj9SPykssy0xPLMnMz0vM0Y_QjzKL94v3NQDjmMV7x_tZ6keiVigigB2plARc31fj_zcVH1v_QD9gtzQ0IhyR0UA. The page has a blue header with the title 'Upload Metadata'. On the left, there's a sidebar with links like 'Site News', 'Upload Metadata' (which is highlighted), and 'Community Tools'. The main content area has a form with a 'File Name:' input field containing 'C:\Dans\GOS\MyCommunity\country.shp.xml', a 'Browse...' button, and an 'Upload File' button. There's also some explanatory text about file requirements.

Existing metadata records can be uploaded into geodata.gov:

- must be XML format
- must contain required fields
- can only upload one XML file at a time
- to upload multiple records metadata must be ‘harvested’ ([slide 28](#))



Publishing Metadata to geodata.gov

Successful Metadata Upload

The screenshot shows a Microsoft Internet Explorer window displaying the geodata.gov website. The address bar shows the URL: http://gos2.geodata.gov/wps/myportal/gos/lkxml/04_Sj9SPykssy0xPLMnMz0vM0Y_QjzKL94v3tQDJmMV7x_tZ6keiiVigigBZphghlARV31fj_zcVKB4pHm8T7yvs36Ifq5Pvrd-gH5I. The page header includes the geodata.gov logo, a banner featuring the Golden Gate Bridge and the Statue of Liberty, and navigation links like Home, Search, Maps, Marketplace, Communities, My Tools, Statistics, Help Center, and admin. A sidebar on the left contains links for Site News, Publish Metadata (including Upload Metadata, which is highlighted), Community Tools, Administration, and TNM Management. The main content area displays a message titled "Upload Metadata" with the sub-section "Metadata Published". The message says "Thank you for publishing. Your metadata will usually now go through a review process which may take up to 3 business days. You may continue publishing files by either clicking the [Upload Metadata](#) link or the [Create Metadata](#) link to create and publish metadata files online." A large callout box in the bottom right corner of the content area states "Screen indicating successful upload of metadata record".



Publishing Metadata to geodata.gov

Failed Metadata Upload

GOS - Geospatial One Stop - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites

Address http://gos2.geodata.gov/wps/myportal/gos/kcxml/04_Sj95Pyksy0xPLMnM2oVM0Y_QjzKL94v3tQDjmMV7x_tZ6keiiVigqB2phghARV31fj_zd

geodata.gov U.S. MAPS & DATA Your One Stop for Federal, State & Local Geographic Data

Home Search Maps Marketplace Communities My Tools Statistics Help Center

Site News

Publish Metadata

- [Become a Publisher](#)
- [How to Publish](#)
- [Create Metadata](#)
- [Upload Metadata](#)
- [Configure Harvesting](#)
- [Manage My Metadata](#)

Community Tools

- [Create Community](#)
- [My Communities](#)
- [Manage Stewards](#)
- [Download Tool](#)

Administration

- [Manage Metadata](#)
- [Manage Publishers](#)
- [Reports and Statistics](#)
- [Manage Users](#)
- [Manage Portlets](#)

TNM Management

- [List Map Services](#)
- [Manage Publishers](#)

Upload Metadata

Publish Failed

(Error: The XML could not pass validation: org.opengis.catalog.validationservice.VSEException: Validating/Checking fgd and iso 20070119T11200800 11200800 Check origin /metadata/idinfo/citation/citeinfo/origin error Node is missing from the document Check title /metadata/idinfo/citation/citeinfo/title | /metadata/dataqua/lineage/srcinfo/srccite/citeinfo/title | /metadata/idinfo/crossref/citeinfo/title | /metadata/dataidInfo/idCitation/resTitle | /metadata/dgInfo/dataLineage/dataSource/srcCitation/resTitle error Node is missing from the document Check abstract /metadata/idinfo/descript/abstract | /metadata/idinfo/descript/purpose | /metadata/idinfo/descript/supplinf | /metadata/dataidInfo/abs | /metadata/dataidInfo/idPurp | /metadata/dataidInfo/supplinf error Node is missing from the document Check subject /metadata/idinfo/keywords/theme/themekey | /metadata/dataidInfo/tpCat/TopicCatCd[@value !=] | /metadata/dataidInfo/descKeys[keyTyp/KeyTypCd/@value = 005]/keyword error Node is missing from the document Check date /metadata/idinfo/timeperd/timeinfo/mddattm/sngdate/caldate | /metadata/idinfo/keywords/temporal | /metadata/idinfo/timeperd/timeinfo/sngdate/caldate | /metadata/metainfo/metd | /metadata/dataqua/lineage/procstep/procdate | /metadata/metainfo/metrd | /metadata/idinfo/citation/citeinfo/pubdate | /metadata/mdDateSt | /metadata/dataidInfo/dataExt/tempEle/TempExtent/exTemp/TM_GeometricPrimitive/TM_Instant/tmPosition/TM_Calc | /metadata/dataidInfo/dataExt/tempEle/TempExtent/exTemp/TM_GeometricPrimitive/TM_Instant/tmPosition/TM_Data | /metadata/dataidInfo/idCitation/resRefDate/refDateType/DateTypCd/@value = 001/refDate | /metadata/dataidInfo/idCitation/resRefDate/refDateType/DateTypCd/@value = 002/refDate | /metadata/dataidInfo/idCitation/resRefDate/refDateType/DateTypCd/@value = 003/refDate error Node is missing from the document Check contact information Check contact name or organization /metadata/metainfo/metc/cntinfo/cntrp/cnptper | /metadata/metainfo/metc/cntinfo/cntorgp/cntrorg error Node is missing from the document Check street address /metadata/metainfo/metc/cntinfo/cntaddr/addrtype error Node is missing from the document Check city /metadata/metainfo/metc/cntinfo/cntaddr/city error Node is missing from the document Check state /metadata/metainfo/metc/cntinfo/cntaddr/state error Node is missing from the document

Screen indicates reasons may include:

- required info
- invalid xml

Screen indicating failed upload,
reasons may include:

- required information is missing
 - invalid xml

national spatial data infrastructure training program



Publishing Metadata to geodata.gov

Harvesting Metadata

The screenshot shows a Windows Internet Explorer window displaying the geodata.gov portal. The URL in the address bar is http://gos2.geodata.gov/wps/myportal/gos/kxml/04_5j9SPyksy0xPLMnMz0vM0Y_QjzKL94v3NQDJmMV7x_tZ6keiVjARXw98nNT9b3. The page title is "GOS - Geospatial One Stop - Windows Internet Explorer". The main content area is titled "Configure Harvesting" with links for "View Registered Sites" and "Register New Metadata Site". A red arrow points from the "Configure Harvesting" link in the sidebar to the "Register New Metadata Site" link in the main content area. The sidebar contains sections for "Site News", "Publish Metadata" (with a highlighted "Configure Harvesting" link), "Community Tools", and "Administration". The status bar at the bottom indicates "Trusted sites" and "100%".

Publishers can register to have collections of metadata records regularly ‘harvested’ into geodata.gov.



Publishing Metadata to geodata.gov

Set Up a Z39.50 Metadata Harvest

GOS - Geospatial One Stop - Windows Internet Explorer

Configure Harvesting

Site Information

Protocol: Z39.50 OAI-PMH Web Accessible Folder CS-W

Name: Idaho Geospatial Data

Host URL: 129.101.196.109

Port Number: 6668

Database Name: GOS

Type: XML SGML

Please see the [Creating and Publishing Metadata](#) PDF document in support of Geospatial One-stop and National Spatial Data Infrastructure (NSDI) for more information on how to create and publish your metadata. This document is in Portable Document Format (PDF) and requires Adobe Acrobat Reader. [Adobe Acrobat Reader](#) is a free download.

geodata.gov will categorize your metadata based on the metadata theme keyword. Each metadata may be assigned to one of the [19 topic categories](#) defined by the ISO 19115. The ISO topic category can be inserted directly in the metadata as one of the theme keywords or you can also provide a look up table which will translate theme keyword in your metadata with an ISO topic category. An ISOtopic category will be assigned for any first match of theme keyword found in the lookup table and the metadata. See an example of a [theme lookup table](#).

Please select the method to provide the theme keyword:

Already inserted in the metadata
 Look-up table

How often do you want this repository harvested?

Once every month
 Twice every month
 Once every week
 Only once
 Skip harvesting

Do you want to receive e-mail notifications of harvesting results?

YES, Notify Me!
 NO thanks

1. Fill in the connection parameters

Use the **Test** button to check the connection

2. Select the method of providing theme keywords

This page includes a link showing an example look-up table

3. Specify frequency of harvest

4. Indicate if you want to be notified of harvest

default is 'Yes'

5. Click 'Save Site'



Publishing Metadata to geodata.gov

Set Up a Web Accessible Folder Harvest

A screenshot of a Microsoft Internet Explorer window showing the 'Configure Harvesting' page on the geodata.gov website. The URL in the address bar is http://gos2.geodata.gov/wps/myportal/gos/kxml/04_5j95Pykssy0xPLMnMz0vMDY_QjzKL94v3NQDjmMV7x_t26keiVjARXw98nNT9b31A_QLcdMjyh0VFQFY8gk/delta/base64xml/L3dJdyE. The page title is 'GOS - Geospatial One Stop - Windows Internet Explorer'. The main content area shows the 'Configure Harvesting' form. A red box highlights the 'Host URL' input field, which contains 'http://wvgis.wvu.edu/metadata_waf/'. A red circle highlights the 'Test' button next to the URL. The 'Protocol' section has 'Web Accessible Folder' selected. The 'Name' field contains 'WV GIS Technical Cent'. The 'Site Information' section includes a note about ISO 19115 topic categories and a 'Please select the method to provide the theme keyword' section with 'Already inserted in the metadata' selected. The 'How often do you want this repository harvested?' section has 'Once every month' selected. The 'Do you want to receive e-mail notifications of harvesting results?' section has 'YES, Notify Me!' selected. At the bottom is a 'Save Site' button.



Publishing Metadata to geodata.gov

Set Up a CS-W Harvest

A screenshot of a Windows Internet Explorer window showing the 'Configure Harvesting' page on the geodata.gov website. The URL in the address bar is http://gos2.geodata.gov/wps/myportal/gos/kcmx/l04_5j95Pykssy0xPLMnMz0vM0Y_QizKL94v3NQDjmMv7x_z6keiVjARxw98nNT9b31A_QLckMyh0VFQFY8Gk0/delta/base64+xml/L3dJdyE. The page title is 'GOS - Geospatial One Stop - Windows Internet Explorer'. The main content area shows the 'Configure Harvesting' form. A red circle highlights the 'Host URL' field, which contains 'http://hazards.fema.gov/metadata/ier/csw?request=Get' with a 'Test' button next to it. Other fields include 'Name: FEMA - ier', 'CS-W Profile: CSW.OGCCORE.FEMA', and sections for 'Site Information', 'Theme Keyword', 'Harvest Frequency', and 'Email Notifications'. A 'Save Site' button is at the bottom.



Publishing Metadata to geodata.gov

Harvest Action Buttons

The screenshot shows a list of registered sites with columns for Actions, Name, Owner, Protocol, URL, Created, Updated, Harvested, and Status. The 'Actions' column contains three icons: a magnifying glass, a downward arrow, and a delete symbol. A red circle highlights the 'Actions' column header, and a red arrow points from this circle to a callout box labeled 'Action Buttons'.

Actions	Name	Owner	Protocol	URL	Created	Updated	Harvested	Status
[Magnifying Glass]	13582 NOAA CLASS	CLASS_meta	WAF	http://www.ngdc.noaa.gov/metadata/pu...	2008-10-03	2009-04-09	2009-04-11	Completed
[Downward Arrow]	3711 Idaho Geospatial Data Clearinghouse	bgodfrey	Z39.50	129.101.196.109	2005-07-29	2009-04-05	2009-04-11	Completed
[Delete]	7492 FEMA_IER	FEMA_IER	CS-W	http://hazards.fema.gov/metadata/er...	2006-08-30	2009-03-31	2009-04-11	Completed
[Magnifying Glass]	155 WV GIS Technical Center	wvgis	WAF	http://wvgis.wvu.edu/metadata_waf/	2005-06-16	2009-03-11	2009-04-04	Completed
[Downward Arrow]	13882 USGS Energy Program CertMapper Portal	cskinner	ArcIMS	http://certmapper.cr.usgs.gov	2009-01-20	2009-03-05	2009-03-05	Completed
[Delete]	13522 NOAA - coris.noaa.gov/metadata/records/xml/	NOAA_CoRIS	WAF	http://coris.noaa.gov/metadata/recor...	2008-11-21	2009-02-26	2009-04-11	Completed
[Magnifying Glass]	13582 WRCOG	vasupilla	Z39.50	152.61.128.66	2008-12-17	2009-02-26	1900-01-01	Completed
[Downward Arrow]	10387 NOAA_Lidar	kstroker	WAF	http://www.ngdc.noaa.gov/metadata/pu...				
[Delete]	14187 NOAA_DART	kstroker	WAF	http://www.ngdc.noaa.gov/metadata/pu...				
[Magnifying Glass]	14182 fwsgis	fwsgis	WAF	http://mercury.ornl.gov/metadata/nbi...				
[Downward Arrow]	14087 Usersmarts IER	georef	CS-W	http://beta.usersmarts.com/ier/csw?r...				
[Delete]	4957 U.S. Fish and Wildlife Service	deb_green_fws.gov	WAF	http://mercury.ornl.gov/metadata/nbi...				
[Magnifying Glass]	12782 Montana State Library - gisportal.mt.gov	gdaumiller	ArcIMS	http://gisportal.mt.gov				
[Downward Arrow]	13982 Pend Oreille County GIS	jshelton	WAF	http://pendoreilleco.org/documents/...				
[Delete]	13782 Metadata_WAF2009	nunatech	WAF	http://armap.utep.edu/Metabase_WAF/				
[Magnifying Glass]	13682 NH GRANIT	FayRubin	Z39.50	www.granit.unh.edu				
[Downward Arrow]	47 New Hampshire Geographically Referenced Analysis and Information Transfer System	AllanWright	Z39.50	www.granit.unh.edu				
[Delete]	13587 USGS NBII WES10	georef	CS-W	http://nbii-wes2.ornl.gov/wes/service...				
[Magnifying Glass]	48 Alaska Department of Natural Resources, LRIS	asgdc	WAF	http://dnr.alaska.gov/mdfiles				
[Downward Arrow]	8782 Naval Research Laboratory	mccready	WAF	http://columbo.nrlssc.navy.mil/GOS				
[Delete]	124 US Geological Survey	nmcatsupport	WAF	http://mcmcweb.er.usgs.gov/catalog/g...				
[Magnifying Glass]	13517 NOAA (NGDC - MGG - DEM)	beakins	WAF	http://www.ngdc.noaa.gov/metadata/pu...				
[Downward Arrow]	13512 NOAA (NGDC - MGG - NOS)	JamesBunn	WAF	http://www.ngdc.noaa.gov/metadata/pu...				
[Delete]	13502 George Mason University - csg.gmu.edu	reddy37	Z39.50	csg.gmu.edu				
[Magnifying Glass]	13497 George Mason University - csg.gmu.edu	reddy37	Z39.50	csg.gmu.edu				
[Downward Arrow]	3697 Montana State Library - maps2.nriss.state.mt.us/nsdi/nris	gdaumiller	WAF	http://maps2.nriss.state.mt.us/nsdi/nris	2005-07-29	2008-11-03	2009-04-13	Completed
[Delete]	5147 National Park Service	datastore	WAF	http://nrdata.nps.gov/nris	2004-10-21	2008-10-30	2009-04-11	Completed

The action buttons have tool tips identifying their functions.



Publishing Metadata to geodata.gov

View Harvest Action

GOS - Geospatial One Stop - Windows Internet Explorer
http://gos2.geodata.gov/wps/myportal/gos/kxml/04_5j9SPyksy0xPLMnMz0vM0Y_Qjzkl94v3NQDjmMV7x_tZ6keiVj

File Edit View Favorites Tools Help

GOS - Geospatial One Stop

U.S. MAPS & DATA

Home Search Maps Marketplace Communities My Tools Statistics Help

Site News

Publish Metadata

- Become a Publisher
- How to Publish
- Create Metadata
- Upload Metadata
- Configure Harvesting
- Manage My Metadata

Community Tools

- Create Community
- Download Tool
- Manage Stewards
- My Communities
- Steward Help

Administration

- Manage Metadata
- Manage Publishers
- View Registered Sites
- Reports and Statistics
- Marketplace Notifications
- Manage Users
- Manage Portlets

TNM Management

- List Map Services
- Manage Publishers

Popular Maps

- Manage Popular Maps

Configure Harvesting

View Registered Sites Register New Metadata Site

History - Chicago Regional Clearinghouse Cooperative

Actions	ID	Date	# Harvested	# Validated	# Published
	3737	2009-04-11 04:29:05	0	0	0
	3737	2009-04-11 05:14:20	0	0	0
	3737	2009-02-28 04:00:46	0	0	0
	3737	2009-02-21 03:55:56	0	0	0
	3737	2009-02-07 03:54:02	0	0	0
	3737	2009-01-24 03:51:07	0	0	0
	3737	2009-01-17 03:57:46	0	0	0
	3737	2009-01-10 03:35:11	0	0	0
	3737	2009-01-03 03:30:40	0	0	0
	3737	2008-12-27 03:32:01	0	0	0
	3737	2008-12-20 03:31:56	0	0	0
	3737	2008-12-13 03:38:44	0	0	0
	3737	2008-11-07 12:53:50	0	0	0
	3737	2008-10-31 12:55:00	0	0	0
	3737	2008-10-24 01:04:10	0	0	0
	3737	2008-10-17 12:52:38	0	0	0
	3737	2008-10-10 12:50:54	0	0	0
	3737	2008-10-09 10:51:48	97	73	73
	3737	2008-10-09 10:21:02	97	73	73
	3737	2008-10-09 08:06:32	0	0	0
	3737	2008-10-03 01:06:17	0	0	0
	3737	2008-09-26 02:36:14	n	n	n

USA.gov Privacy Policies FOIA DOI USGS

Harvesting History:

- select the 'View Report' icon next to any report to view the contents
- select the 'Delete Report' icon to delete the report



Publishing Metadata to geodata.gov

View Harvest Report

GOS - Geospatial One Stop - Windows Internet Explorer
http://gos2.geodata.gov/wps/myportal/gos/kxml/04_5j95Pykssy0xPLMnMz0vM0Y_QjzKL94v3NQDjmMV7x_L26keiVjARXw98nNT9b31A_QLcMjh0VFQFY8gk0/delta/base64xml/L3d3dyEv

File Edit View Favorites Tools Help

GOS - Geospatial One Stop

geodata.gov U.S. MAPS & DATA

Home Search Maps Marketplace Communities My Tools Statistics Help Center admin Utilities

Site News

Publish Metadata

- Become a Publisher
- How to Publish
- Create Metadata
- Upload Metadata
- Configure Harvesting
- Manage My Metadata

Community Tools

- Create Community
- Download Tool
- Manage Stewards
- My Communities
- Steward Help

Administration

- Manage Metadata
- Manage Publishers
- View Registered Sites
- Reports and Statistics
- Marketplace Notifications
- Manage Users
- Manage Portlets

TNM Management

- List Map Services
- Manage Publishers

Popular Maps

- Manage Popular Maps

Configure Harvesting

View Registered Sites Register New Metadata Site

History - Idaho Geospatial Data Clearinghouse

Parameter	Value
Harvest Date	2009-04-05 14:54:59
Documents Harvested	101
Documents Validated	93
Documents Published	93
Documents Added	88

Source URI

129.101.196.109:6668:GOS/gmu.xml	failed	failed
129.101.196.109:6668:GOS/Access Yes! Properties 2005.xml		
129.101.196.109:6668:GOS/2005 Antelope Controlled Hunt Areas.xml		
129.101.196.109:6668:GOS/2005 Bear Controlled Hunts.xml		
129.101.196.109:6668:GOS/ridges off the State Highway System.xml		

Validation Error: Check contact name or organization (/metadata/metadata/metc/cntinfo/cntrerp/cnper | /metadata/metadata/metc/cntinfo/cntrgp/cntrorg) - error: Node value is empty or has not been populated

Validation Error: Check street address (/metadata/metadata/metc/cntinfo/cntaddr/addrtype) - error: Node value is empty or has not been populated

Validation Error: Check city (/metadata/metadata/metc/cntinfo/cntaddr/city) - error: Node value is empty or has not been populated

Validation Error: Check state (/metadata/metadata/metc/cntinfo/cntaddr/state) - error: Node value is empty or has not been populated

Validation Error: Check zipcode (or postal code) (/metadata/metadata/metc/cntinfo/cntaddr/postal) - error: Node value is empty or has not been populated

Publish Error:

129.101.196.109:6668:GOS/2006AccessYes.xml	ok	ok
129.101.196.109:6668:GOS/2006AntelopeControlledHuntAreas.xml	ok	ok
129.101.196.109:6668:GOS/2006BearControlledHuntAreas.xml	ok	ok
129.101.196.109:6668:GOS/2006DeerControlledHuntAreas.xml	ok	ok
129.101.196.109:6668:GOS/2006ElkControlledHuntAreas.xml	ok	ok
129.101.196.109:6668:GOS/2006GoatControlledHuntAreas.xml	ok	ok

Harvest Report:

- Harvest site
- Documents harvested, validated, published and added to geodata.gov
- Failed record
- Reasons record failed (in orange)



Publishing Metadata to geodata.gov

Manage My Metadata

The screenshot shows a web browser window for the GOS - Geospatial One Stop platform. The URL in the address bar is http://gos2.geodata.gov/wps/myportal/gos/kxml/04_5j95Pykssy0xPLMnMz0vM0Y_QjzKL94v3NQDjmM/7x_tZ6keiiVjARXw98nNT9b31A_QLcLMjyh0VFQFY8Gk0/delta/base64xml/. The page title is "Manage My Metadata". On the left, there's a sidebar with links like "Publish Metadata", "Community Tools", and "Action Buttons". The main content area shows a table of metadata records with columns for Action, DocUUID, Dataset Name, Owner, Method, Transfer Ownership, and Check Online Status. An "Action" button is highlighted with a red box and a red arrow points to a callout box on the right listing five actions.

Action	DOCUUID	Dataset Name	Owner	Method	Transfer Ownership	Check Online Status
	{A078C5E1-FFAA-8624-AEFC-3D4D1F783751}	Listings of State Geological Surveys on the Web	dsandhaus	Unknown	2007-02-13 10:46:56	Approved
	0FFEAE16C-1148-F4E-A5E5-F096B08E2A46		dsandhaus	Unknown	2007-01-30 13:14:22	Approved

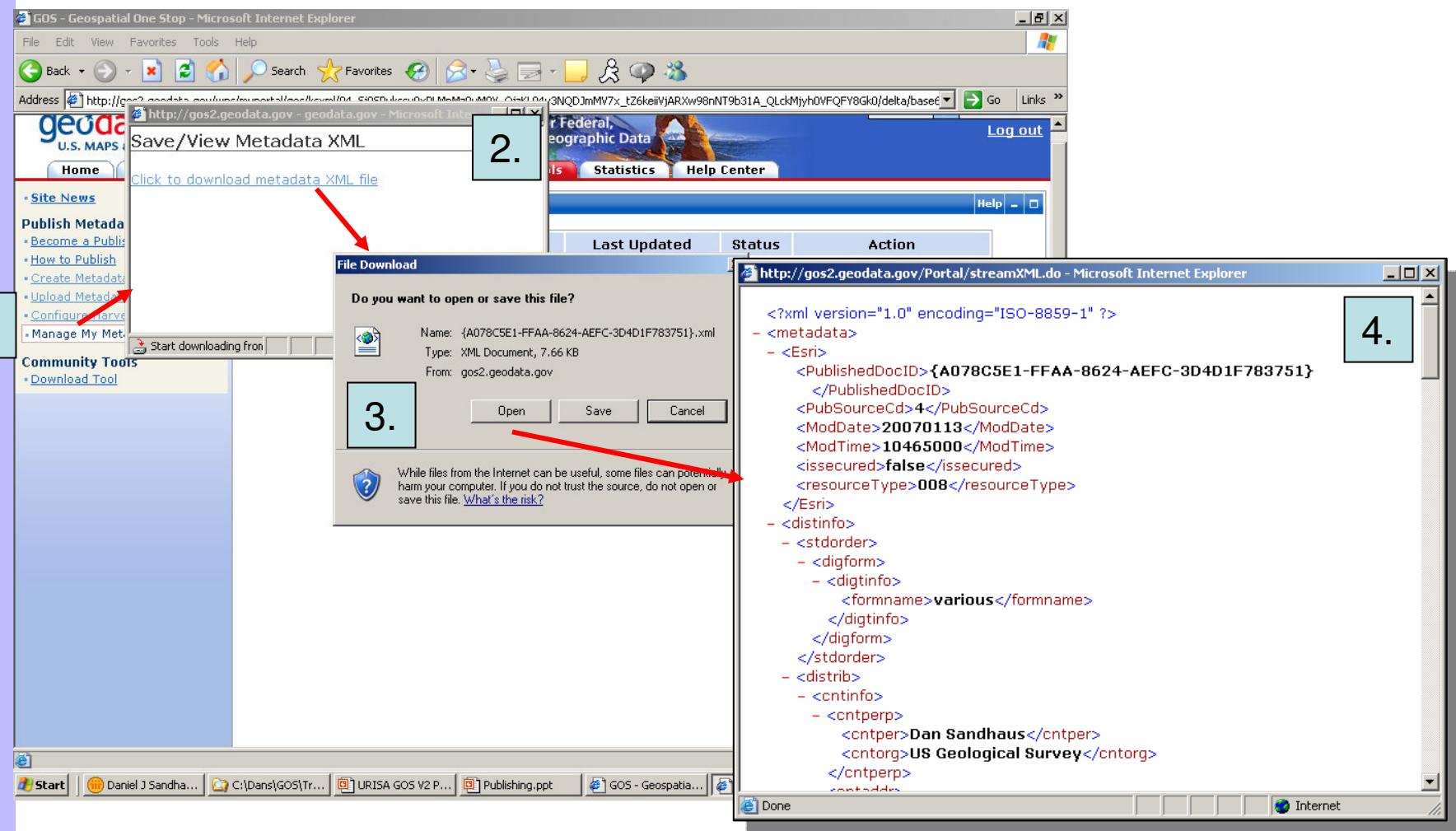
Action Buttons

1. View Metadata Record
2. Update/Edit Record
3. Delete Record
4. Download XML
5. Transfer Ownership of the record to another publisher



Publishing Metadata to geodata.gov

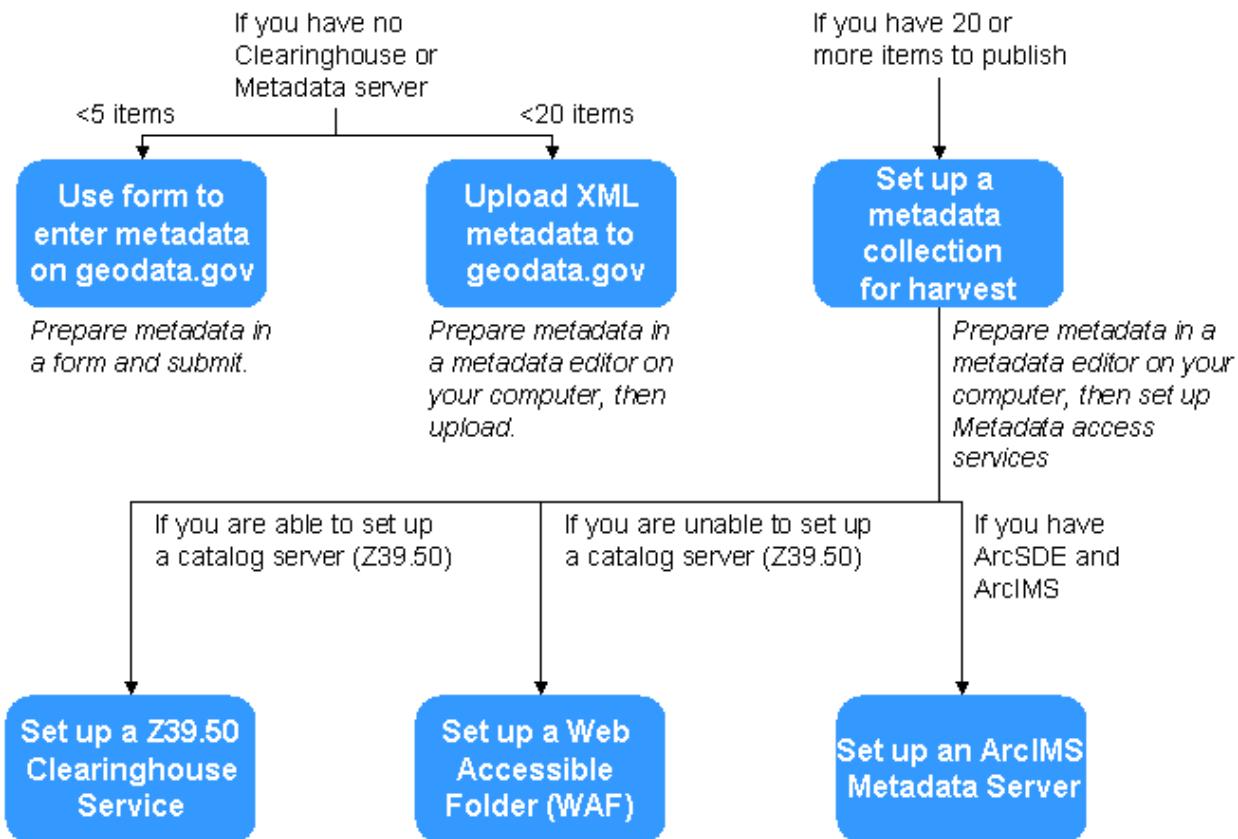
Download Your Metadata Record





Publishing Flow Chart

If you want to publish information about your geospatial resources to geodata.gov





There are 3 primary ways to publish metadata to geodata.gov

- ▶ On-line Form (< 5 records)
- ▶ Upload Metadata XML File (< 20 records)
- ▶ Harvesting (Many records)

Optimize metadata records for searching by using good titles and key words

Marketplace records are also entered as metadata



Explore Geospatial One-Stop Metadata Publication:

- ▶ Register as a geodata.gov publisher
- ▶ Create metadata records using the geodata.gov online metadata form
- ▶ Upload metadata records using the geodata.gov Upload Metadata tool
- ▶ Set up a Harvest using the geodata.gov Harvesting tool
- ▶ Edit a URL link in a metadata record
- ▶ Delete a metadata record